Boom Trucks

Boom vehicle are often applied by phone, cable and utilities companies as they have extended folded arms which are normally folded over the roofs of business vans. On the end of the extension of extendable arms frequently sits a bucket-like apparatus. When a bucket vehicle has an extendable boom installed on the roof this is sometimes identified as an "aerial boom truck" or a "cherry picker". It is capable of transporting employees to the peak of a telephone or electrical pole. Bucket boom vans have a hauling capacity of approximately 350 lbs to 1500 lbs or 158 kg to 680 kg plus they are able of extending the bucket up to 34 feet or to around 10 meters into the air.

Heavy equipment boom trucks or construction boom trucks can have a hoist attached to the back. These cranes often called knuckle booms might be short and compact or be of the trolley boom kind, where the hoist is able to extend the length of the truck bed. Crane boom trucks include a lifting capacity between 10 to 50 tons or about 9 to 45 metric tons.

Concrete boom vehicles are a further variation. The booms on these lift trucks have a pipe with a nozzle at the remote end and are used to pump concrete or other materials. The areas where these resources ought to be deposited is oftentimes inaccessible to the truck or is found at a considerable height, consequently, the boom of a bigger concrete boom truck may be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom directly depositing it into the space where it is needed.

Fire engines are frequently equipped with a boom container able to raise firefighters up to the upper floors of structures. What's more, this boom will allow firefighters to point the flow of water or to engage or rescue trapped victims. Some of the older hook and ladder lift trucks have been displaced by current boom trucks.

Self propelled booms are relatively comparable to lift trucks. These little boom vehicles may raise staff to lofty storage or to the ceiling of large warehouses and stockroom offices. They are more secure and therefore far safer than using extension ladders for the same application.